

INTERNATIONAL SEARCH REPORT

International Application No.
PCT/EP2004/052465

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 C14C3/16

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 C14C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	DE 38 11 267 C (SCHILL & SEILACHER GMBH & CO) 18 May 1989 (1989-05-18) cited in the application page 2, line 49 - page 3, line 68 example 1	1-13
A	US 6 251 414 B1 (PUENTENER ALOIS ET AL) 26 June 2001 (2001-06-26) cited in the application column 1, line 20 - column 2, line 64 examples 1,2	1-13
A	GB 465 048 A (GEORGE STUART JAMES WHITE; ICI LTD; JOHN BURCHILL; HENRY ALFRED PIGGOT) 26 April 1937 (1937-04-26) page 2, line 84 - page 3, line 14; examples 1,2	

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *Z* document member of the same patent family

Date of the actual completion of the international search

4 January 2005

Date of mailing of the international search report

14/01/2005

Name and mailing address of the ISA
European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Neugebauer, U

INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP2004/052465

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
DE 3811267	C	18-05-1989	DE 3811267 C1 AR 240481 A1 BR 8901557 A ES 2012697 A6 FR 2629471 A1 GB 2217731 A ,B IT 1231549 B JP 1292100 A JP 2848841 B2 KR 9403266 B1 US RE34986 E US 5011499 A	18-05-1989 30-04-1990 21-11-1989 01-04-1990 06-10-1989 01-11-1989 17-12-1991 24-11-1989 20-01-1999 16-04-1994 04-07-1995 30-04-1991
US 6251414	B1	26-06-2001	BR 9300298 A DE 59303164 D1 EP 0554217 A1 ES 2089771 T3 JP 5247500 A KR 9601665 B1 MX 9300457 A1	03-08-1993 14-08-1996 04-08-1993 01-10-1996 24-09-1993 03-02-1996 01-07-1993
GB 465048	A	26-04-1937	NONE	